

EUROPEAN PATENT OFFICE

Patent Abstracts of Japan

PUBLICATION NUMBER : 59177506
 PUBLICATION DATE : 08-10-84

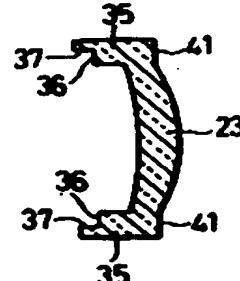
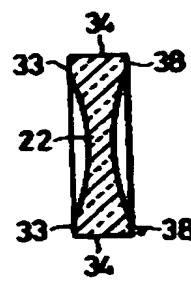
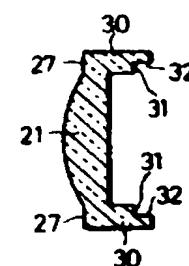
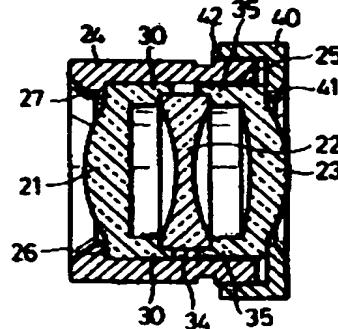
APPLICATION DATE : 28-03-83
 APPLICATION NUMBER : 58052272

APPLICANT : OLYMPUS OPTICAL CO LTD;

INVENTOR : KITAHARA RYOICHI;

INT.CL. : G02B 7/02

TITLE : LENS HOLDER



ABSTRACT : PURPOSE: To enable exact holding of a space between lenses in axial line and radial directions by providing means for regulating positions in the axial line and radial directions between the end part of a spacer bar and the end faces of the adjacent lenses.

CONSTITUTION: A spacer bar 30 is formed integrally as an angular space equal to a lens 21. A regulating face 31 in an axial line direction and a regulating face 32 in a radial direction are formed in the end part of the bar 30. The bar and lenses are assembled by bringing the left end face 33 and outside circumferential surface 34 of a lens 22 into contact respectively with the bar. Plural spacer bars 35 are projected leftward and a lens 23 formed with a regulating face 36 for the axial line direction and a regulating face 37 for the radial direction to the bars 35 is brought into contact with the right end face 38 and outside circumferential surface 34 respectively of the lens 22. The assembled lenses 21, 22, 23 are inserted into a frame 24. The lenses 22, 23 do not contact with the inside circumferential surface of the frame 24 and the outside circumferential surface 34 of the lens 22 determines the radial position of the lenses 22, 23 and therefore the working for the outside circumferential surface to make the lens center as an axial line is required but there is no need for working the outside circumference of the lens 23.

COPYRIGHT: (C)1984,JPO&Japio

D2